

# Hassan Nisar

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## Education

### Bahria University Islamabad

Bachelor of Sciences in Information Technology

Majors: Website Development, AI, Project Management

Relevant Coursework: Programming, Networking, Security, Website Development, Project Management, AI, ML, SQA

Islamabad, PK

February 2020 - February 2024

## Technical and Management Skills

**Project Management:** Agile methodologies, scrum, stakeholder management, team collaboration & communication

**Software & Tools:** Clickup, Jira, Azure DevOps, Microsoft Office Suite

**Technical Proficiency:** SQL, Python, Database Systems (Oracle, MySQL, Microsoft SQL Server),

**Cloud & DevOps Tools:** Docker, AWS, Azure, Bash scripting

**Version Control:** Git

## Professional Experience

### Project Management Intern

PanaceaLogics

Islamabad, PK

November 2024 - Ongoing

- Coordinated with cross-functional teams—including AI developers, designers and other technical members—to streamline project delivery, reducing delays by 15%.
- Liaised between creative vendors, technical teams, and business stakeholders, providing strategic suggestions that improved team efficiency by 15%.
- Assisted in implementing agile methodologies and project management tools (e.g., Jira, Azure DevOps), cutting project timelines by 20%.
- Experienced in using defect-tracking tools such as Jira and Azure DevOps to log, track, and manage software defects, ensuring clear documentation and efficient resolution of issues.
- Collaborated closely with developers to identify, troubleshoot, and resolve defects, enhancing software reliability and overall system performance.

## Key Projects

### HopeHarvest – Food donation and redistribution Web platform

March 2023 - January 2024

- Project Coordination & Collaboration:** Led the development of a food donation and redistribution website by managing project tasks, timelines, and team communications. Leveraged version control tools (e.g., Git) to ensure seamless collaboration and consistent code management, aligning team efforts with project goals.
- Quality Assurance & Testing:** Conducted comprehensive functional, usability, and security tests to maintain high-performance standards and user satisfaction. Developed standardized testing documentation—including detailed test cases and protocols—to streamline quality checks and improve website reliability. Conducted **UI/UX testing** for responsiveness, user flow, and usability improvements.

## Additional academic Projects

March 2020 – February 2024

### Intrusion Prevention System Deployment (AWS, Fail2Ban):

- Deployed Fail2Ban on AWS EC2 instances to monitor logs and automatically block suspicious IPs, significantly enhancing cloud security.
- Customized security filters for SSH, Apache, and Nginx; integrated automated email notifications and log rotation to ensure reliable threat detection.

### Hotel Management System (Database Management):

- Implemented database replication and partitioning strategies to improve data availability and query performance; led initiatives that optimized system performance and streamlined data retrieval.

### Data Analysis on Adventure Works (Business Intelligence):

- Extracted actionable insights on sales trends, customer behavior, and product performance; built Power BI dashboards to enhance data visualization and decision-making.

### Athlete Image Classification (AI):

- Athlete Image Classification (AI): Developed a machine learning model for athlete recognition using OpenCV & SVM algorithms.